1	PROCESSES	15.18	Valve or valve element
2			assembling, disassembling, or
2	.With control of flow by a condition or characteristic of		replacing
	a fluid	15.19	Fluid actuated or retarded
3	Mixing of plural fluids of	15.21	Multi way valve
3	diverse characteristics or	15.22	Ball valve or rotary ball
	conditions		valve
4	Controlled by consistency of	15.23	Gate valve
-	mixture	15.24	Plug valve
5	Controlled by conductivity of	15.25	Butterfly valve
_	mixture	15.26	Float valve
6	Controlled by heat of	15.1	HIGHSPEED FLUID INTAKE MEANS
	combustion of mixture		(E.G., JET ENGINE INTAKE)
7	Controlled by pressure	15.2	.With condition responsive
8	For producing uniform flow		control means
9	For producing proportionate	38	CONTROL BY CHANGE OF POSITION OR
	flow		INERTIA OF SYSTEM
10	By speed of fluid	39	.With second control
11	For regulating boiler feed	40	.Position relative body of water
	water level		(e.g., marine governors)
12	By fluid pressure	41	Float controlled
12.5	.Carbonated beverage handling	42	Pressure or head controlled
	processes	43	.Vent opening or closing on
13	.Affecting flow by the addition		tipping container
	of material or energy	44	.By shifting of liquid level
14	.Involving pressure control	45	.By pendulum or swinging member
15.01	.Cleaning, repairing, or	46	With servo connection to valve
	assembling	47	SPEED RESPONSIVE VALVE CONTROL
15.02	<pre>Repairing or assembling hydrant (e.g., fireplug, etc.)</pre>	48	.Acceleration responsive valve control
15.03	Gas or water meter repairing or	49	.With manual valve control
13.03	assembling	50	.Speed change and excess speed
15.04	Fluid cleaning or flushing		valve control
15.05	Liquid cleaning or flushing	51	.With other condition responsive
15.06	Valve or valve seat cleaning		valve control
15.07	Mechanical cleaning (e.g., pig,	52	Governor drive failure
	etc.)		responsive
15.08	<pre>Repairing, securing, replacing, or servicing pipe joint,</pre>	53	<pre>.Centrifugal mass type (exclusive of liquid)</pre>
	valve, or tank	54	With multiple valves
15.09	Including joint or coupling	55	Periodically actuated valve
15.11	Detecting or repairing leak	56	Rotating valve and rotating
15.12	Tapping pipe, keg, or tank		governor
15.13	Particular aperture forming	57	Excess speed responsive
10.10	means	58	With fluid servo-motor
15.14	Cutter or cutting tool	59	FREEZE CONDITION RESPONSIVE
15.15	Having deformable or		SAFETY SYSTEMS
	inflatable means	60	.With freeze waste
15.16	With content loading or	61	.Stop and waste
	unloading (e.g., dispensing,	62	.Low temperature responsive
	discharge assistant, etc.)		drains
15.17	Specific valve or valve		
	element mounting or repairing		

65	COMBUSTION FAILURE RESPONSIVE	81.1	Pressure
	FUEL SAFETY CUT-OFF FOR	81.2	.Underwater
	BURNERS	803	FLOW AFFECTED BY FLUID CONTACT,
66	.Thermo-electric	003	ENERGY FIELD OR COANDA EFFECT
67	DESTRUCTIBLE OR DEFORMABLE		(E.G., PURE FLUID DEVICE OR
0 /	ELEMENT CONTROLLED		SYSTEM)
68.11	.Destructible element	804	.Responsive to condition external
68.12	Combined destructible and		of system
00.12	fusible element	805	And causing change or
68.13	Explosive actuation		correction of sensed condition
68.14	Separable valve coupling or	806	.Utilizing diverse fluids
00.11	conduit	807	.Utilizing particular fluid
68.15	Tensile or sheer pin or bolt	808	.Means to cause rotational flow
68.16	Tensile or sheer pin or bolt	000	of fluid (e.g., vortex
68.17	Pressure causes pin or bolt to		generator)
00.17	destruct	809	Plural vortex generators
68.18	With alarm or indicator	810	Vortex generator as control for
68.19	Rupture disc	010	system
68.21	Means for holding entire disc	811	Vortex generator in interaction
00.21	after rupture	011	chamber of device
68.22	Disc burst after destruction	812	By tangential input to axial
00.22	of additional element	012	output (e.g., vortex
68.23	Direct pressure causes disc to		amplifier)
00.23	burst	813	With means to vary input or
68.24	Two-way rupture disc	010	output of device
68.25	Dome shape	814	.System comprising plural fluidic
68.26	Reverse buckling	011	devices or stages
68.27	Specific weakening point	815	Plural power inputs (e.g.,
68.28		010	parallel inputs)
68.29	Integral disc assemblyKnife or cutter causes disc to	816	Variable or different-value
00.29	break		power inputs
68.3	Movable knife or cutter	817	Pulsating power input and
69	Movable knile of cutter With counterbalancing element		continuous-flow power input
70	Frangible element returns	818	With variable or selectable
70			source of control-input signal
71	pressure responsive valve	819	To cascaded plural devices
<i>/</i> <u> </u>	Having pressure responsive valve	820	With feedback passage(s)
72	.Heat destructible or fusible		between devices of cascade
73		821	With pulsed control-input
73 74	With second sensing means		signal
7 4 75	In fluid flow pathSafety cut-off	822	.Plural power inputs to single
75 76	With heater for destructible		device
76	or fusible element	823	Intersecting at interaction
77	With external closing means		region (e.g., comparator)
78.1	_	824	Co-lineal, oppositely-directed
70.1	AMBIENT CONDITION CHANGE RESPONSIVE		power inputs (e.g., impact
78.2	.For controlling soil irrigation		modulator)
78.3	Soil moisture sensing	825	.Means to regulate or vary
78.4			operation of device
78.5	.Burner gas cutoff	826	To vary frequency of pulses or
78.5 79	.AtmosphericTemperature		oscillations
80	With additional diverse	827	By non-fluid energy field
00	control		affecting input (e.g.,
	Concret		transducer)

828 829	Acoustical or thermal energyBy movable element	101.11	Main line flow displaces or entrains material from
830	<pre>Operating at timed intervals (e.g., to produce pulses)</pre>	101.19	reservoirWith electrical controller
831	Electrically-actuated element (e.g., electro-mechanical	101.21	Flow displacement element actuates electrical controller
832	transducer)Means (e.g., valve) in control	101.25 101.27	Float controlled weir or valve
000	input	101.29	Swinging outlet pipe
833	.Structure of body of device		controller
834	.Device including passages having V over T configuration	101.31	With measuring type discharge assistant
835	And feedback passage(s) or	102	.Supply and exhaust type
	path(s)	103	Vacuum or suction pulsator type
836	With particular characteristics of control input	104	<pre>(e.g., milking machine)With trip linkage or snap</pre>
837	Multiple control-input	104	action
037		105	
838	<pre>passagesAnd multiple or joined power-</pre>	103	<pre>With pulsation responsive pilot valve</pre>
	outlet passages	106	Reversing or 4-way valve
839	And enlarged interaction		systems
	chamber	107	Waste responsive to flow
840	And vent passage(s)		stoppage
841	.Device including passages having V over gamma configuration	109	.Self-controlled branched flow systems
842	.Device including linearly-	110	Dividing and recombining
	aligned power stream emitter	111	Plural inflows
	and power stream collector	112	Alternate or successive
0.0			
82	PRESSURE MODULATING RELAYS OR		inflows
82	FOLLOWERS	113	inflowsControl by depletion of
82		113	
	FOLLOWERS	113 114	Control by depletion of
83	FOLLOWERS .Jet control type		Control by depletion of source
83 84 85	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating device	114	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by
83 84	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing	114 115.01	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsive
83 84 85	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback	114 115.01 115.02	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsive
83 84 85	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING	114 115.01 115.02 115.03 115.04	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsive
83 84 85	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback	114 115.01 115.02 115.03	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main
83 84 85 86 87.01	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensing	114 115.01 115.02 115.03 115.04	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as
83 84 85 86 87.01 88	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensingDividing and recombining flow	114 115.01 115.02 115.03 115.04 115.05	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opens
83 84 85 86 87.01 88 89 91	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensingDividing and recombining flowBy specific gravity	114 115.01 115.02 115.03 115.04	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased
83 84 85 86 87.01 88	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensingDividing and recombining flow	114 115.01 115.02 115.03 115.04 115.05	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased open
83 84 85 86 87.01 88 89 91	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensingDividing and recombining flowBy specific gravity	114 115.01 115.02 115.03 115.04 115.05 115.06	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased openPilot valve operated
83 84 85 86 87.01 88 89 91	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensingDividing and recombining flowBy specific gravityBy viscosity or consistency	114 115.01 115.02 115.03 115.04 115.05 115.06	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased openPilot valve operatedCarried choke
83 84 85 86 87.01 88 89 91 92 93 94	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensingDividing and recombining flowBy specific gravityBy viscosity or consistencyBy optical or chemical property	114 115.01 115.02 115.03 115.04 115.05 115.06 115.07 115.08 115.09	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased openPilot valve operatedCarried chokeChoke
83 84 85 86 87.01 88 89 91 92 93	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating device With counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensing Dividing and recombining flow By specific gravity By viscosity or consistency By optical or chemical property .Fuel controlled by boiler or	114 115.01 115.02 115.03 115.04 115.05 115.06 115.07 115.08 115.09 115.1	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased openPilot valve operatedCarried chokeChokeVariable choke resistance
83 84 85 86 87.01 88 89 91 92 93 94	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensingDividing and recombining flowBy specific gravityBy viscosity or consistencyBy optical or chemical property .Fuel controlled by boiler or water system condition .Self-proportioning flow systemsInterconnected flow	114 115.01 115.02 115.03 115.04 115.05 115.06 115.07 115.08 115.09 115.1	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased openPilot valve operatedCarried chokeChokeVariable choke resistance
83 84 85 86 87.01 88 89 91 92 93 94	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating device With counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensing Dividing and recombining flow By specific gravity By viscosity or consistency By optical or chemical property .Fuel controlled by boiler or water system condition .Self-proportioning flow systems	114 115.01 115.02 115.03 115.04 115.05 115.06 115.07 115.08 115.09 115.1 115.11	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased openPilot valve operatedCarried chokeChokeVariable choke resistanceVenturiFlapper
83 84 85 86 87.01 88 89 91 92 93 94	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating deviceWith counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensingDividing and recombining flowBy specific gravityBy viscosity or consistencyBy optical or chemical property .Fuel controlled by boiler or water system condition .Self-proportioning flow systemsInterconnected flow	114 115.01 115.02 115.03 115.04 115.05 115.06 115.07 115.08 115.09 115.1 115.11 115.12 115.13	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased openPilot valve operatedCarried chokeChokeVariable choke resistanceVenturiFlapperPressure responsive
83 84 85 86 87.01 88 89 91 92 93 94 98	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating device With counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensing Dividing and recombining flow By specific gravity By viscosity or consistency By optical or chemical property .Fuel controlled by boiler or water system condition .Self-proportioning flow systems Interconnected flow displacement elements Movable trap chamber Flow comparison or differential	114 115.01 115.02 115.03 115.04 115.05 115.06 115.07 115.08 115.09 115.1 115.11 115.12 115.13	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased openPilot valve operatedCarried chokeChokeVariable choke resistanceVenturiFlapperPressure responsiveWith pressure reducing inlet valveRelief port through common
83 84 85 86 87.01 88 89 91 92 93 94 98 99	FOLLOWERS .Jet control type .Plural series units .With counter-balancing pressure feedback to the modulating device With counter-counter balancing pressure feedback SELF-PROPORTIONING OR CORRELATING SYSTEMS .Mixture condition maintaining or sensing Dividing and recombining flow By specific gravity By viscosity or consistency By optical or chemical property .Fuel controlled by boiler or water system condition .Self-proportioning flow systems Interconnected flow displacement elements Movable trap chamber	114 115.01 115.02 115.03 115.04 115.05 115.06 115.07 115.08 115.09 115.1 115.11 115.12 115.13 116.3	Control by depletion of sourceOne inflow supplements anotherBypass or relief controlled by main line fluid conditionLiquid level responsiveFlow rate responsiveIncluding controlling main line flowRelief or bypass closes as main opensBypass or relief valve biased openPilot valve operatedCarried chokeChokeVariable choke resistanceVenturiFlapperPressure responsiveWith pressure reducing inlet valve

115.14	Common sensor for both bypass	119.07	Flow sensing turbine
	or relief valve and other	119.08	Pressure responsive
	branch valve	119.09	Responsive to outlet
115.15	Bypass or relief valve opens		pressure
	as other branch valve closes	119.1	Electrical control
115.16	Bypass or relief valve biased	87.02	.Liquid level responsive
	open	87.03	.Flow rate responsive
115.17	Increasing pressure	87.04	Pressure differential
	progressively closes then	87.05	.Plural sensors
	reopens by-pass or relief	87.06	For single valve
115 10	valve	123	SIPHONS
115.18	Bypass or relief valve	124	.Plural
	responsive to pressure downstream of outlet valve	125	Tank truck mounted
115 10		126	Sequentially discharging in
115.19	Pilot valve		parallel
115.2	Outlet valve carried by	127	From plural tanks
115 01	bypass or relief valve	128	Main siphon with auxiliary
115.21	Plural sensors for single		starting, stopping or
115 00	bypass or relief valve		resetting siphon
115.22	Sensors interconnected by	129	Sinking or bucket-type float
115 00	timing or restrictive orifice		operated main siphon, float
115.23	Pilot valve operated		emptying auxiliary siphon
115.24	Mechanical movement between	130	.With discharge-controlling
	sensor and valve		receiver
115.25	Electrical control	131	With float
115.26	Sensor rigid with valve	132	.Periodic or accumulation
115.27	Flexible sensor		responsive discharge
115.28	Pressure responsive outlet	133	With manual control
	valve	134	Control by filling auxiliary
118.01	Plural outflows		tank
118.02	Single actuator operates	135	Float-operated inlet to siphon
	plural outlets simultaneously	136	Release of trapped air
118.03	Biased open isolation valve	137	Through float-operated vent
118.04	Flow rate responsive	138	Through liquid trap seal
118.05	Primer valve	139	Auxiliary liquid trap seal
118.06	Pressure responsive	140	.With strainer, filter, separator
118.07	With external control for		or sediment trap
	correlating valve (e.g.,	141	.With recorder, register, signal,
	manual)		indicator or inspection window
119.01	Alternately or successively	142	.With flow starting, stopping or
	substituted outflow		maintaining means
120	Control by filling auxiliary	143	Siphon venting or breaking
	gravitating or float operating	144	With leakage or entrained air
	tank		removal
121	Control by filling outlet	145	Pressure applied to liquid in
	tank or receiver		supply chamber
122	Float controlled	146	Plunge or immersion starting
119.02	Four port reversing valve	147	Pump or liquid displacement
119.03	Responsive to pressure or		device for flow passage
	flow interruption	148	Piston
119.04	Plural outlets control with	149	Co-axial within flow passage
	automatic reset	150	Collapsible bulb
119.05	Manually set to a single	150.5	Siphon inlet movable to and
	outflow position		from seat
119.06	Flow rate responsive		

151	With valve or closure in-flow	178	With alternately operated
	passage		inlet and outlet valves
152	.With means for mounting and/or	179	With non-discriminating gas
	positioning relative to siphon		vent or liquid discharge
	chamber	180	Abnormal pressure responsive
153	.Elements		liquid blow-off or drain
154	DIVERSE FLUID CONTAINING PRESSURE	181	Manual control
	SYSTEMS	182	With auxiliary inlet or by-
155	.Gas lift valves for wells		pass valve
156	.Gas pressure discharge of	183	With fluid responsive valve
	liquids feed traps (e.g., to	184	Successively opened valves
	boiler)	185	Gas collecting float (e.g.,
157	Gas pressure controlled by		inverted bucket)
	amount of liquids in boiler or	186	Downstream from valve
	discharge receiver	187	Level responsive
158	Pressure connection at liquid	188	Weight or pressure
	level in boiler or discharge	189	Gravitating vessel
	receiver	190	Sinking or bucket type
159	Gas pressure controlled by		float
	amount of liquid in trap	191	Servo-control
160	Plural trap chambers	192	Float
161	Gravitating	193	With main line gas outlet
162	Gravitating vessel	100	from trap chamber
163	Sinking or bucket type float	194	With outlet extending above
164	Pivoted vessel with fluid	101	liquid in trap
	passage through pivot	195	Servo-control
165	Float responsive	196	With pressure balanced
166	Liquid control valve	190	outlet valve
100	positively actuated	107	
167	Gas condensing type	197	Discriminating outlet for gas
168	Gas inlet and outlet valves	198	With reverse flow stop or
100	unitary	100	pressure regulating valve
169	Gas pressure controlled by	199	Fluid sensing valve
100	manual or cyclic means	200	With vaporized liquid stop
170	Movable trap chamber	201	With separate return for
170.1	-		condensate
1/0.1	.Foam control in gas charged	202	Float responsive
170.2	liquids	203	With liquid emptying means
	Level or pressure responsive	204	Self-emptying
170.3	Separate handling of foam	205	.Liquid filling by evacuating
170.4	With conditioning trap or		container
150 5	chamber	205.5	.Main line flow displaces
170.5	Recarbonation		additive from shunt reservoir
170.6	With trap or chamber by-pass	206	.Gas pressure storage over or
171	.Fluid separating traps or vents		displacement of liquid
172	Liquids separated from liquid	207	Surge suppression
173	Plural discriminating outlets	207.5	With return of liquid to supply
	for diverse fluids	208	Plural units
174	Common actuator for control	209	With gas maintenance or
	valves		application
175	Choke or restricted passage	210	Gas carried by or evolved from
	gas bleed		liquid
176	From above liquid level	211	Gas injectors
177	Discriminating outlet for	211.5	Gas injected by liquid
	liquid		pressure or flow
			F or From

212	The fit areas are sometimes. From the second	0.41	Ob
212	Unitary mounting for gas	241	Steam sterilizing
	pressure inlet and liquid outlet	242	Mechanical cleaning
213	With liquid level responsive	243	Valve grinding motion of valve
213	gas vent or whistle	243.1	on seatConcentric stem
214	Combined high and low level	243.1	
214	responsive	243.2	Spring pressed
215	BACK FLOW PREVENTION BY VACUUM		Lost motion permits grinding
213	BREAKING (E.G., ANTI-SIPHON	243.4	With swivel-preventing means
	DEVICES)	243.5	Nut releasable from body and/
216	.Air vent in liquid flow line	242 6	or stem
216.1	With liquid seal in liquid flow	243.6	With independent grinding
210.1	line	242 7	actuator
216.2	Automatic valve in vent line	243.7	Separable
217	Automatic valve in vent line	244	Cleaning member reciprocates
218	With co-acting valve in liquid	245	in passage
210	flow path	245	By-pass cleaning
219	-	245.5	Independent actuation
219	LARNER-JOHNSON TYPE VALVES; I.E., TELESCOPING INTERNAL VALVE IN	246	Liquid supplied at valve
	EXPANDED FLOW LINE SECTION	046 11	interface
220	Line condition change responsive	246.11	Plural feed
221	.Internal servo-motor with	246.12	Line pressure feed
221		246.13	Feed by or with actuation
222	internal pilot valve	246.14	Loss control
222	Pilot controlled passage in	246.15	Screw feed
223	nose or needle	246.16	With check valve
223	INFLATABLE ARTICLE (E.G., TIRE	246.17	Excess relief
224	FILLING CHUCK AND/OR STEM)	246.18	Jacking
22 4	.With pressure-responsive	246.19	To all donor
		240.17	Jacking
224 F	pressure-control means	246.2	Seating
224.5	Pulsating		SeatingSpring biased piston feed
224.5 225	Pulsating Diaphragm, bellows or	246.2	Seating
225	PulsatingDiaphragm, bellows or expansible tube	246.2 246.21	SeatingSpring biased piston feed
	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief	246.2 246.21 246.22	SeatingSpring biased piston feedExternal pressure
225	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves	246.2 246.21 246.22 246.23	SeatingSpring biased piston feedExternal pressureGravity or capillary feed
225226227	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves.With gauge or indicator	246.2 246.21 246.22 246.23	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP
225226227228	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating means	246.2 246.21 246.22 246.23 247	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms seal
225 226 227 228 229	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected	246.2 246.21 246.22 246.23 247	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line;
225 226 227 228 229 230	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve	246.2 246.21 246.22 246.23 247	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms seal
225 226 227 228 229 230 231	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means	246.2 246.21 246.22 246.23 247 247.11	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValves
225 226 227 228 229 230 231 232	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With cap	246.2 246.21 246.22 246.23 247 247.11	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seats
225 226 227 228 229 230 231	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or	246.21 246.21 246.22 246.23 247 247.11 247.13 247.15	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valve
225 226 227 228 229 230 231 232 233	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on cap	246.2 246.21 246.22 246.23 247 247.11 247.13 247.15	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seats
225 226 227 228 229 230 231 232 233	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated	246.2 246.21 246.22 246.23 247 247.11 247.13 247.15 247.17 247.19	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valve
225 226 227 228 229 230 231 232 233	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat	246.2 246.21 246.22 246.23 247 247.11 247.13 247.15 247.17 247.19 247.21	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valve
225 226 227 228 229 230 231 232 233 234 234.5	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides)	246.2 246.21 246.22 246.23 247 247.11 247.13 247.15 247.17 247.19 247.21 247.23	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valveSeats vertically up
225 226 227 228 229 230 231 232 233	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides) WITH VEHICLE GUIDE OR SUPPORT,	246.2 246.21 246.22 246.23 247 247.11 247.13 247.15 247.17 247.19 247.21 247.23 247.25	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valveSeats vertically upSeal replenishers
225 226 227 228 229 230 231 232 233 234 234.5	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides) WITH VEHICLE GUIDE OR SUPPORT, E.G., SERVICE STATION	246.2 246.21 246.22 246.23 247 247.11 247.13 247.15 247.17 247.21 247.21 247.23 247.25 247.27	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valveSeats vertically upSeal replenishersPlural inlet
225 226 227 228 229 230 231 232 233 234 234.5	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides) WITH VEHICLE GUIDE OR SUPPORT, E.G., SERVICE STATION DISTRIBUTION SYSTEMS INVOLVING	246.2 246.21 246.22 246.23 247 247.11 247.13 247.15 247.17 247.19 247.21 247.23 247.25 247.27 247.29	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valveSeats vertically upSeal replenishersPlural inletDivided and recombined passages
225 226 227 228 229 230 231 232 233 234 234.5 234.6 236.1	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides) WITH VEHICLE GUIDE OR SUPPORT,	246.2 246.21 246.22 246.23 247 247.11 247.13 247.15 247.17 247.21 247.21 247.23 247.27 247.29 247.31	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valveSeats vertically upSeal replenishersPlural inletDivided and recombined passagesTangential inlet flow
225 226 227 228 229 230 231 232 233 234 234.5	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides) WITH VEHICLE GUIDE OR SUPPORT,	246.2 246.21 246.22 246.23 247 247.11 247.13 247.15 247.17 247.21 247.21 247.23 247.27 247.29 247.31	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valveSeats vertically upSeal replenishersPlural inletDivided and recombined passagesTangential inlet flowDownward partition encircles
225 226 227 228 229 230 231 232 233 234 234.5 234.6 236.1	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides) WITH VEHICLE GUIDE OR SUPPORT,	246.2 246.21 246.22 246.23 247 247.11 247.15 247.15 247.17 247.21 247.21 247.23 247.25 247.27 247.31 247.33	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valveSeats vertically upSeal replenishersPlural inletDivided and recombined passagesTangential inlet flowDownward partition encircles projecting outlet
225 226 227 228 229 230 231 232 233 234 234.5 234.6 236.1	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides) WITH VEHICLE GUIDE OR SUPPORT,	246.2 246.21 246.22 246.23 247 247.11 247.15 247.15 247.17 247.21 247.21 247.23 247.25 247.27 247.31 247.33	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valveSeats vertically upSeal replenishersPlural inletDivided and recombined passagesTangential inlet flowDownward partition encircles projecting outletSubmerged inlet pipe end
225 226 227 228 229 230 231 232 233 234 234.5 234.6 236.1 237	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides) WITH VEHICLE GUIDE OR SUPPORT,	246.2 246.21 246.22 246.23 247 247.11 247.15 247.15 247.17 247.21 247.23 247.25 247.27 247.33 247.33 247.33	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveSeats vertically upSeal replenishersPlural inletDivided and recombined passagesTangential inlet flowDownward partition encircles projecting outletSubmerged inlet pipe endHinged seal bowl
225 226 227 228 229 230 231 232 233 234 234.5 234.6 236.1	PulsatingDiaphragm, bellows or expansible tubeCo-axial inflation and relief valves .With gauge or indicatorWith deflating meansSelectively connected .Stem attached relief valve .With coupling means .With capValve actuating, assembling or locking means on capValve manually seated .Removable valve head and seat unit (valve insides) WITH VEHICLE GUIDE OR SUPPORT,	246.2 246.21 246.22 246.23 247 247.11 247.15 247.15 247.17 247.21 247.23 247.25 247.27 247.33 247.33 247.33	SeatingSpring biased piston feedExternal pressureGravity or capillary feed WITH LIQUID VALVES OR LIQUID TRAP SEALS .Liquid seal in liquid flow line; flow liquid forms sealValvesLine condition change responsivePlural valves or valve seatsPivoted valveBall valveSeats vertically upSeal replenishersPlural inletDivided and recombined passagesTangential inlet flowDownward partition encircles projecting outletSubmerged inlet pipe endHinged seal bowlDistinct seal bowl in flow

247.43	Topside access beneath cover	278	Extensible spout
	plate closed floor opening	279	Spout articulated to riser
247.45	Enlarged upflow leg	280	.Plural riser
247.47	Topside access opening	281	.Expansible chamber operated by
247.49	Even diameter legs		valve actuator for draining
247.51	Access opening		riser
248	.Seal for relatively movable	282	.With pump or ejector
	valving parts	283	.Removable valve and valve seat
249	Horizontally moving valve	284	With extension to facilitate
250	Rotary		removal
251.1	.Liquid valves	285	.Removable valve with
252	Branched passage for sealing		supplemental check valve
	liquid	286	.Movable riser actuated valve
253	With auxiliary means for	287	Reciprocating riser
	varying liquid level	288	Piston type valve
254	With baffle	289	.Balanced valve
255	PLURAL TANKS OR COMPARTMENTS WITH	290	.Valve actuator extends laterally
	PARALLEL FLOW		from bottom of riser
256	.Sequentially filled and emptied	291	.Valve actuator outside riser
	(e.g., holding type)	292	Lever actuator
257	With relative rotation of tank	293	With casing, flush with ground
	group and filling head		or pavement surface
258	With rotary filling and	294	.With casing
	emptying head	295	Flush with ground or pavement
259	.With housings, supports or		surface
	stacking arrangements	296	Cap, cover or hood
260	.Battery or electrolytic cell	297	With heater
	replenishment	298	.With actuator lubricating means
261	Barometric supply	299	.With valve at outlet
262	.Flow dividing compartments	300	.With supplemental valve
263	.Tank type manifold (i.e., one	301	.Protection against freezing
	tank supplies or receives from	302	Stop and waste
	at least two others)	303	With disabling means
264	.Tank within tank	304	Separate relatively movable
265	.With cross connecting passage		valves with single actuator
266	.With manifold or grouped outlets	305	Unidirectional abutting
267	Tank truck type		connection between main valve
268	WITH HOLDER FOR SOLID, FLAKY OR		or actuator and waste valve
	PULVERIZED MATERIAL TO BE	306	With screw or gear in
	DISSOLVED OR ENTRAINED		actuating mechanism
269	CONVERTIBLE	307	Reciprocating relatively fixed
269.5	.Reversible check		valves
270	.Unit orientable in a single	308	Waste through lower valve
	location between plural		guide
	positions	309	REVERSING VALVES - REGENERATIVE
270.5	Reversible stop and vent or		FURNACE TYPE
	waste	310	.With cooling
271	.Units interchangeable between	311	.Rotary reversing valve
	alternate locations	312	WITH LEAKAGE OR DRIP COLLECTING
272	HYDRANT TYPE	313	.Relatively movable receptacle or
273	.Water crane type		drain pipe and outlet
274	Spout operated valve	314	.Collector for waste liquid
275	Rotating riser		derived from solid, gas or
276	Spout articulated to riser		vapor
277	Vertically movable riser		

315.01	WITH REPAIR, TAPPING, ASSEMBLY, OR DISASSEMBLY MEANS	315.33	.Assembling or disassembling check valve
315.02	.Blow out preventer or choke valve device (e.g., oil well	315.35	.With mechanical movement between actuator and valve
	flow controlling device, etc.)	315.36	Plural motions of valve
315.03	.Solenoid or electromagnetically	315.37	Lever type
	operated valve	315.38	Gear type
315.04	.Pressure regulating type valve	315.39	Cam type
315.05	Diaphragm type	315.4	Screw type
315.06	.Gas or water meter replacing	315.41	.Tool for applying or removing
315.07	Assembling or disassembling flexible tube or sleeve type		valve or valve member
	valve	315.42	Including sealing feature
315.08	.Assembling or disassembling float or float valve	316	.With holding means functioning only during transportation assembly or disassembly
315.09	.Assembling or disassembling	317	.Tapping a pipe, keg, or
313.07	multi way valve	317	apertured tank under pressure
315.11	.Assembling, disassembling, or	318	With aperture forming means
313.11	removing cartridge type valve	319	Imperforate closure removing
	(e.g., insertable and	317	and holding tap
	removable as a unit, etc.)	320	With valved closure or bung
315.12	Faucet type (e.g., domestic	321	Combined rotary and
	water use, etc.)	321	longitudinal movement of valve
315.13	Including removable valve head	322	Longitudinal movement of valve
	and seat unit	323	Rotary movement of valve
315.14	Including mechanical movement	324	With core ejectors
	actuator	325	Impact operated
315.15	Particular handle or handle	326	.Foot valve extraction from top
	fastening means	320	of enclosure
315.16	.Assembling or disassembling	327	.With disassembly tool engaging
	pivoted valve	327	feature
315.17	.Assembling or disassembling	328	Wrench engaging lugs
	rotary valve	329	.With provision of alternate wear
315.18	Rotary ball valve	327	parts
315.19	Particular valve seat or	329.01	Valve heads and/or seats
	interface seal	329.02	Opposite duplicate surfaces of
315.2	Replaceable	327.02	unitary structure
315.21	With top entry valve	329.03	Homogeneous material
315.22	Butterfly valve	329.04	
315.23	Having valve head or seat	329.05	Different portions of
	packing		continuous surfaces
315.24	With head and stem collections	329.06	Successively used adjacent
315.25	Plug valve		independent elements
315.26	Having retainer at actuator	329.1	.Removable valve with normally
	end		disabled supplemental check
315.27	.Assembling or disassembling		valve
	reciprocating valve	329.2	Check valve disabled by
315.28	Having particularly packed or		normally movable main valve
	sealed mechanical movement		part
	actuator	329.3	Ball check
315.29	Gate valve	329.4	Spring bias
315.3	Bifaced	330	NON-VALVING MOTION OF THE VALVE
315.31	Having particular valve seat		OR VALVE SEAT
315.32	Including seal	331	.Rotary motion of a reciprocating
			valve

332	Turbine on valve		Boom type
333	Manual rotating means	355.25	Weighted
334	WITH HEATING OR COOLING OF THE	355.26	Reel with support therefor
	SYSTEM	355.27	Ground supported
335	.With burner	355.28	Basket or holder for folded
336	Flue extending through fluid		coiled hose
337	.Hot and cold water system having	356	.Static constructional
	a connection from the hot to		installations
	the cold channel	357	Buildings
338	.Air heated or cooled (fan, fins,	358	Outside access to portions of
	or channels)		the system
339	.With diversion of part of fluid	359	Escutcheon type support
	to heat or cool the device or	360	Wall
	its contents	361	Recessed gas outlet box
340	.Circulating fluid in heat	362	Floor installation
	exchange relationship	363	Ground supporting enclosure
341	.With electric heating element	364	Valve and meter wells
342	WITH FLUID SYSTEM SUPPORT FOR	365	\ldots With means to center well on
	WORKMAN OR NON-SYSTEM MATERIAL		valve
343	WITH CASING, SUPPORT, PROTECTOR	366	Detachable base plate
	OR STATIC CONSTRUCTIONAL	367	Vertical casing aligned by
	INSTALLATIONS		valve casing
899	.Vehicle	368	Combined with actuator
345	Locomotive	369	Telescopic well casing
346	Boiler or steam dome	370	Telescopic well casing
347	Railway car	371	Covers
348	Car frame	372	Pipe line transport
349	End of car	373	Tapering or tower type
350	Roof, wall or floor	374	.Furniture and housing
351	Automotive		furnishings
352	Steering post or wheel	375	.Jacketed
353	Dash	376	.Tank supports
354	Floor or frame	377	.Guards and shields
355	Fender or running board	378	Resilient abutment for
355.12	With hose reel storage means		preventing breakage
899.1	Guided by means of track or	379	Nozzle abutment for scratch or
	guideway		damage prevention
899.2	Aerial or water-supported	380	Cover for beer cooler aperture
	(e.g., airplane or ship, etc.)		for faucet
899.3	With retractable or nonuse-	381	Sanitary covers or shields
	positionable support wheel	382	Valve guards
899.4	Vehicle supports fluid	382.5	With means for accommodating a
	compressor and compressed		detachable actuator
	fluid storage tank	383	WITH LOCK OR SEAL
355.16	.With hose storage or retrieval	384	.With seal
	means	384.2	.Common lock and valve actuator
355.17	With means for plural hoses	384.4	Combination lock
355.18	With flow regulation responsive	384.6	Biased valve
	to hose movement	384.8	Mechanical movement between
355.19	Reel type	JUT.0	lock and valve
355.2	With retrieval means	385	
355.21	Power stop or brake	385 386	.Locks against rotary motion
355.22	Responsive to position of	300	LIQUID LEVEL RESPONSIVE OR MAINTAINING SYSTEMS
	hose in casing	387	
355.23	Biased to retracted position	301	.Washing machine cycle control
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388	Liquid excluding devices for gas inlet or outlets	430	Float co-axial with valve or port
389	.With second diverse control	431	-
		431	Float is spreader or anti-
390	Manual control		splash means
391	.Control of both inflow and	432	Float surrounds inlet pipe
	outflow of tank	433	Float rigid with valve
392	.Electrical characteristic	434	Float arm operated valve
372	sensing	435	With valve retarder or cushion
202	3	433	
393	.With control fluid connection at		means
	desired liquid level	436	With flow guide or restrictor
395	.Control of outflow from tank	437	External hood or deflector or
396	Self-emptying tanks		annular outlet surrounding the
397	By float		inlet pipe
398	By float	438	Movable nozzle or inlet
399	-	200	terminal
	Low level safety cut-off	439	Valve removable from outside
400	.With supplemental or safety	439	
	closing means or bias		container
401	Sinking or bucket type float	440	With U-shaped inlet pipe
402	Gravitating tank		having terminal valve
403	.By weight of accumulated fluid	441	With refill pipe
404	In sinking or bucket type float	442	Assembly mounted on and having
405	Oil burner fuel overflow		reciprocating valve element co
105			axial with inlet pipe
100	preventing safety cut-offs	443	Horizontal or side entering
406	In communicating measuring	443	
	vessel	4.4.4	pipe
407	Top and bottom connections	444	Vertical inlet riser
408	In gravitating tank	445	With toggle or second lever
409	.By float controlled valve		connected to valve
410	Valve opened by external means,	446	With interposed cam, gear or
110	closing or closing control by		threaded connection
	float	447	Rotary valve element
411		448	Pivoted valve
411	Single float controls plural	449	Ball valves
	valves		
412	Servo relay operation of	450	Balanced valves
	control	451	Flexible valve
413	Fluid pressure	453	.Barometric
414	Flexible diaphragm valve	454	With shut-off between supply
415	From tank		tank and receiver
416	Quick acting	454.2	REMOVABLE VALVE HEAD AND SEAT
417		10112	UNIT
	Pilot float released	454.4	
418	Over center mechanism		.Pump type
419	Shifting weight	454.5	.Threaded into valve casing
420	Trip mechanism	454.6	.Retained by bonnet or closure
421	Weight or spring bias	455	LINE CONDITION CHANGE RESPONSIVE
422	Lost motion mechanism		VALVES
423	Plural floats	456	.Safety cut-off requiring reset
424	With counter-balance	457	Thermal
		458	Responsive to both high and low
425	Within tank	400	
426	Level adjustment or selection	4.5.0	pressure or velocity
	means	459	Responsive to change in rate of
427	With float leakage disposal		flow
428	In separate communicating float	460	Excessive flow cut-off
-	chamber	461	High pressure cut-off
429	Rectilinearly traveling float	462	Reset by pressure equalization
147	cociffinearry cravefing froat		valve or by-pass
			·

463	Fluid released trip	492	Single acting fluid servo
464	Fluid counter-biased or	492.5	Spring biased
	unseated valve	493	.Bi-directional flow valves
465	With mechanical stop against	493.1	One head and seat carried by
	reopening		head of another
466	With fluid pressure seating of	493.2	Supporting valve only spring
	valve		biased
467	.Fluid opened valve requiring	493.3	Supporting valve spring
	reset		carried by supporting valve
467.5	.Consistency responsive	493.4	Spring stop on supported
468	.Thermal responsive		valve stem
469	.Pop valves	493.5	Spring abuts guide for
470	Pop closing valves		supported valve stem
471	Pop pressure reactor in inflow	493.6	Both valves spring biased
	to valve	493.7	Axes of ports perpendicular
472	Pop pressure reactor in	493.8	Axes of ports parallel
	branched released path	493.9	Axes of ports co-axial
473	Separate relief valves or	494	.With separate connected fluid
	valves for each branch		reactor surface
474	Lost motion between pop	495	With manual or external control
	pressure reactor and valve		for line valve
475	Adjustable choke	496	Valve closes in responses to
476	Annular lip or baffle		reverse flow
477	On movable valve part	497	Responsive to change in rate of
478	Screw threaded		fluid flow
479	.Combustion engine induction type	498	Valve closes in response to
480	Valve in auxiliary inlet to		excessive flow
	induction line	499	Turbine or swinging vane type
481	With manual modifier		reactor
482	With suction compensator	500	Expansible chamber subject to
483	With separate reactor surface		differential pressures
484	Unbalanced pivoted valve (e.g.,	501	Pressures across fixed choke
	unbalanced butterfly type)	502	With Venturi tube having a
484.2	.Line flow effect assisted		connection to throat
484.4	Reactor surface normal to flow	503	Pressures across flow line
484.6	Reactor surface separated from		valve
	flow by apertured partition	504	Movable deflector or choke
484.8	Through separate aperture	505	With opening bias (e.g.,
485	.Pilot or servo controlled		pressure regulator)
486	Responsive to change in rate of	505.11	With relief valve
	fluid flow	505.12	Multi-stage
487	Control by pressures across	505.13	Senses inlet pressure
	flow line valve	505.14	Bias variable during operation
487.5	Electrically actuated valve	505.15	Ancillary reactor surface
488	Fluid pressure type		responds to inlet pressure
489	Choked or throttled pressure	505.16	Liquid transfer
	type	505.17	Weight
490	Pilot valve within main valve	505.18	Balanced valve
	head	505.19	Liquid level responsive gas
491	Choked passage through main		flow control
	valve head	505.2	With protective separator
489.3	Loose fitting piston	505.21	Main flow through isolated
489.5	Pilot controls supply to		reactor chamber
	pressure chamber	505.22	Through external pipe

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505.23	Modified valve casing	512.4	Integral resilient member
505.24	Adjustable external lever	E10 E	forms plural valves
505.25	Apertured reactor surface	512.5	With common biasing means
F0F 06	surrounds flow line	513	Mechanically interconnected
505.26	Reactor surface separated by	513.3	With leak passage
F0F 0F	apertured partition	513.5	Permits flow at valve
505.27	In valve stem		interface
505.28	Also through reactor surface	513.7	Bypass in valve casing
505.29	Valve stem passes through the	514	With retarder or dashpot
	aperture	514.3	End of valve forms dashpot
505.3	Plural reactor surfaces		chamber
505.31	Reactor is an inverted cup having liquid seal	514.5	<pre>End of valve moves inside dashpot chamber</pre>
505.32	With movement dampener	514.7	Enlarged piston on end of
505.33	Valve head in inlet chamber		valve stem
505.34	Valve head in inlet chamber	515	In couplings for coaxial
505.35	Rectilinear valve stem		conduits, e.g., drill pipe
	rigid with reactor surface		check valves
505.36	Reactor surface is diaphragm	515.3	Valve seat threaded into a
505.37	With valve closing bias		coupling element
505.38	Reactor surface closes chamber	515.5	Valve seat formed on or
505.39	Valve head in inlet chamber		carried by a coupling element
505.4	Reactor surface is inverted	515.7	Valve seat clamped between
	cup (float)		coupling elements
505.41	Rectilinear valve stem rigid	516	With means for selecting area
	with reactor surface		of valve or seat
505.42	With valve closing bias	516.11	Single head, plural ports in
505.43	In reactor chamber		parallel
505.44	Valve head on yoke	516.13	Concentric ports
505.45	Yoke has valve closing bias	516.15	Annular head
505.46	Reactor operatively connected	516.17	Central post on seat
303.10	to valve by mechanical	516.19	Stop
	movement	516.21	With guide
505.47	With mechanical movement	516.23	Guide
333.17	between actuator and valve	516.25	Plural seating
506	Plural valves biased closed	516.27	Sequential
507	With means for mounting or	516.29	Resilient gasket
30.	connecting to system	517	Biased open
508	Valve seat or external sleeve	518	Oppositely swinging vanes
	moves to open valve	519	Weight biased
509	Valve seating in direction of	519.5	Ball valves
303	flow	520	Edge pivoted valve
510	Flexible diaphragm or bellows	521	Pivoted valves
310	reactor	522	With external means for
511	.Direct response valves (i.e.,	322	opposing bias
311	check valve type)	523	With means for retaining
512	Plural	323	external means in bias
512.1	Dividing and recombining in a		opposing position
312.1	single flow path	524	With bias adjustment indicator
512.15	Integral resilient member	843	Resilient material valve
512.15	forms plural valves	844	Having expansible port
512.2	One valve carries head and	845	Apertured plate
7 + 4 • 4	seat for second valve	846	Having exit lip
512.3	Diverse types	847	With biasing means
J _ L _ J	DIVCIBC CYPCB	01/	with brasing means

848	Side vent	542	Valve stem extends through
849	Multiple slit		fixed spring abutment
850	Internally extending mount	543	Yoke or cage-type support
851	Center flexing strip		for valve stem
852	With valve member flexing	543.13	Spring abuts removable valve
002	about securement		stem quide
853	Sleeve	543.15	Head slides on quide-rod
	· · · · · · · · · ·	343.13	_
854	Central mount	E 4 2 1 E	concentric with spring
855	Flap or reed	543.17	Spring guides valve head
856	With stop	543.19	Cage-type guide for stemless
857	With spring		valves
858	With weight	543.21	Guide means integral and
859	Peripherally secured		coplanar with valve disk
	diaphragm	543.23	Head between spring and
860	Annulus		guide
526	Vacuum relief type	544	WITH MEANS FOR SEPARATING SOLID
527	Pivoted valves		MATERIAL FROM THE FLUID
		545	.Plural separating elements
527.2	Head retained by removable	546	.Sediment chamber
	closure		
527.4	Valve head movably connected	547	.Movable strainer
	for accommodation to seat	549	.Hollow strainer, fluid inlet and
527.6	Valve mounted on end of pipe		outlet perpendicular to each
527.8	Weight biased		other
528	Reciprocating valves	550	.Planar strainer normal to flow
529	Plural biasing means		path
530	Cam means for adjusting and	551	WITH INDICATOR, REGISTER,
	fixing bias		RECORDER, ALARM OR INSPECTION
531	Varying effective lever arm		MEANS
531	Varying effective lever arm	552	MEANS .Plural
532	Weight biased	552 552.5	.Plural
532 533	Weight biasedValve body is the weight	552 552.5	.Plural Unobvious - "combination lock"
532 533 533.11	Weight biasedValve body is the weightBall valves	552.5	.PluralUnobvious - "combination lock" type
532 533 533.11 533.13	<pre>Weight biasedValve body is the weightBall valvesRemovable cage</pre>	552.5 552.7	.PluralUnobvious - "combination lock" type .Time
532 533 533.11	Weight biasedValve body is the weightBall valves	552.5	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion
532 533 533.11 533.13	<pre>Weight biasedValve body is the weightBall valvesRemovable cage</pre>	552.5 552.7 553	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicator
532 533 533.11 533.13 533.15	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seat	552.5 552.7 553 554	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectrical
532 533 533.11 533.13 533.15 533.17	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided head	552.5 552.7 553 554 555	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicator
532 533.11 533.13 533.15 533.17 533.19 533.21	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stem	552.5 552.7 553 554	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectrical
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stop	552.5 552.7 553 554 555	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23 533.25	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposed	552.5 552.7 553 554 555	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23 533.25 533.27	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposedHead slidable on guide rod	552.5 552.7 553 554 555	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23 533.25	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral	552.5 552.7 553 554 555 556	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicated
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23 533.25 533.27 533.29	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unit	552.5 552.7 553 554 555 556	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointer
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23 533.25 533.27	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral	552.5 552.7 553 554 555 556.3 556.6	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23 533.25 533.27 533.29	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unit	552.5 552.7 553 554 555 556	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23 533.25 533.27 533.29	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral	552.5 552.7 553 554 555 556 556.6 557	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23 533.25 533.27 533.29	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unit	552.5 552.7 553 554 555 556.3 556.6	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive
532 533.11 533.13 533.15 533.17 533.19 533.21 533.23 533.25 533.27 533.29 533.31	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitGuide and closure integral	552.5 552.7 553 554 555 556 556.6 557 558	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm
532 533.11 533.13 533.15 533.17 533.21 533.21 533.25 533.27 533.29 533.31	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageGuide stemWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitGuide with valveSpring biased	552.5 552.7 553 554 555 556 556.3 556.6 557 558 559	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm .Inspection means
532 533.11 533.13 533.15 533.17 533.21 533.21 533.25 533.27 533.29 533.31	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitGuide and with valveSpring biasedWith means to protect spring from fluid	552.5 552.7 553 554 555 556 556.3 556.6 557 558 559 560	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm .Inspection means COMBINED
532 533.11 533.13 533.15 533.17 533.21 533.23 533.25 533.27 533.29 533.31 534 535 536	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitSpring biasedWith means to protect spring from fluidSpring under tension	552.5 552.7 553 554 555 556.3 556.6 557 558 559 560 561 R	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm .Inspection means
532 533.11 533.13 533.15 533.17 533.21 533.23 533.25 533.27 533.29 533.31 534 535 536	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitSpring biasedWith means to protect spring from fluidSpring under tensionPiston-type valves	552.5 552.7 553 554 555 556 556.3 556.6 557 558 559 560	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm .Inspection means COMBINED
532 533.11 533.13 533.15 533.17 533.21 533.23 533.25 533.27 533.29 533.31 534 535 536 537 538 539	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitSpring biasedWith means to protect spring from fluidSpring under tensionPiston-type valvesBall valves	552.5 552.7 553 554 555 556.3 556.6 557 558 559 560 561 R	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm .Inspection means COMBINED SYSTEMS
532 533.11 533.13 533.15 533.17 533.21 533.23 533.25 533.27 533.29 533.31 534 535 536 537 538 539 539.5	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitWeight coaxial with valveSpring biasedWith means to protect spring from fluidSpring under tensionPiston-type valvesBall valvesWith follower	552.5 552.7 553 554 555 556.3 556.6 557 558 559 560 561 R 561 A	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm .Inspection means COMBINED SYSTEMS .Non-valved flow dividers
532 533.11 533.13 533.15 533.17 533.21 533.23 533.25 533.27 533.29 533.31 534 535 536 537 538 539 539.5 540	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitWeight coaxial with valveSpring biasedWith means to protect spring from fluidSpring under tensionPiston-type valvesBall valvesWith followerSpring coaxial with valve	552.5 552.7 553 554 555 556 556.3 556.6 557 558 559 560 561 R 561 A 562	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm .Inspection means COMBINED SYSTEMS .Non-valved flow dividers .Faucet connected, sink drained .Closed circulating system
532 533.11 533.13 533.15 533.17 533.21 533.23 533.25 533.27 533.29 533.31 534 535 536 537 538 539 539.5 540 540.11	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitWeight coaxial with valveSpring biasedWith means to protect spring from fluidSpring under tensionPiston-type valvesBall valvesWith followerSpring coaxial with valveSpring coaxial with valve	552.5 552.7 553 554 555 556.6 556.6 557 558 559 560 561 R 561 A 562 563	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm .Inspection means COMBINED SYSTEMS .Non-valved flow dividers .Faucet connected, sink drained .Closed circulating systemWith thermal circulating means
532 533.11 533.13 533.15 533.17 533.21 533.23 533.25 533.27 533.29 533.31 534 535 536 537 538 539 539.5 540	Weight biasedValve body is the weightBall valvesRemovable cageSeparable seatGuided headCageWith closing stopOppositely disposedHead slidable on guide rodGuide and seat integral unitGuide and closure integral unitWeight coaxial with valveSpring biasedWith means to protect spring from fluidSpring under tensionPiston-type valvesBall valvesWith followerSpring coaxial with valve	552.5 552.7 553 554 555 556.6 556.6 557 558 559 560 561 R 561 A 562 563	.PluralUnobvious - "combination lock" type .Time .Position or extent of motion indicatorElectricalSelection from plural branchesIndicator element rigidly carried by the movable element whose position is indicatedMovable indicator element is a pointerPointer integral with handle .Fluid pressure responsive indicator, recorder or alarm .Liquid level responsive indicator, recorder or alarm .Inspection means COMBINED SYSTEMS .Non-valved flow dividers .Faucet connected, sink drained .Closed circulating system

F.C.4. F		F02	~
564.5	.Main line as motive fluid for	583	.System with plural openings, one
	follower-type feeder		a gas vent or access opening
565.01	.With pump	584	Access and outlet
565.11	Pumped fluid control	585	Tank access opening and bottom
565.12	Manual		outlet
565.13	Fluid pressure responsive	586	Access opening interlock or
565.14	And pilot valve		telltale on outlet valve
565.15	Direct response valve		actuator
565.16	Electric	587	Tank with gas vent and inlet or
565.17	Combined with fluid receiver		outlet
565.34	Reserve or surge receiver	588	Vent and inlet or outlet in
565.18	Compressed air supply unit		unitary mounting
565.19	Hydraulic power unit	589	With vented outlet
565.37	Fluid sump	590	.Tank with internally extending
565.22	And jet-aspiration type pump		flow guide, pipe or conduit
565.23	Vacuum pump	590.5	Nondraining overflow type
565.24	Resiliently mounted pump	591	Inverted "U" passage
565.25	Hand pump	592	Inlet internally extending
565.26	Multiple inlet with multiple	593	.Head-establishing standpipe or
	outlet		expansion chamber (e.g., surge
565.27	Downstream cyclic distributor		tanks)
565.28	Distributor part unitary with	624.11	.Programmer or timer
	movable pump part	624.12	With independent valve
565.29	Plural		controller
565.3	Serial	624.13	Repeating cycle
565.31	With single motive input	624.14	Self-cycling
565.32	One pump driven by motive	624.15	Variable
333.32	fluid from the other	624.16	Attachable and removable
565.33	Parallel		element
565.35	With pump bypass	624.17	Adjustable cam
565.36	Drain valve actuator mounted on	624.18	Plural, sequential, valve
303.30	pump		actuations
571	.Plural tanks or compartments	624.19	Plural trips or trip
371	connected for serial flow		actuations
572	Separable with valved-	624.2	Variable cycle
0.2	connecting passage	624.21	Clock alarm mechanism
573	Fluid progresses by zigzag flow		controlled
574	Plural compartments formed by	624.22	Biased latch, cam operated
571	baffles	624.27	.Line condition change responsive
575	Plural top-to-bottom connected		release of valve
373	tanks	625	.Multi-way valve unit
576	With communicating opening in	625.11	Sequential distributor or
370	common walls of tanks or		collector type
	compartments	625.12	Sequentially progressive
577	.Tank with movable or adjustable		opening or closing of plural
377	outlet or overflow pipe		ports
577.5	Horizontally traversing outlet	625.13	With subsequent closing of
578	Float-supported outlet		first port
579	Swinging outlet pipe or spout	625.14	Flow combining with flow
580	With running joint between		dividing
200	movable parts of system	625.15	Rotary
581	.Movable tank	625.16	Plug
582		625.17	Selective reciprocation or
J04	.With antisplash means not in	 -	rotation
	flow passage		

625.18	Plural noncommunicating flow	625.5	Plural disk or plug
	paths	626	.Plural petcocks
625.19	Rotary plug	627	.Sequential distributor or
625.2	Supply and exhaust		collector type
625.6	Pilot-actuated	627.5	.Sequentially closing and opening
625.61	Variable orifice-type		alternately seating flow
	modulator		controllers
625.62	Opposed orifices; interposed	628	.Sequentially progressive opening
	modulator		or closing of plural valves
625.63	Common to plural valve motor	629	Pressure equalizing or
020.00	chambers		auxiliary shunt flow
625.64	Electric	630	One valve seats against other
625.65	Motor-operated		valve (e.g., concentric
625.66	Fluid motor		valves)
625.21	Rotary valve	630.11	Locomotive throttle
625.21	-	630.12	Gate
	Plug type	630.13	With balancing chamber
625.23	For plural lines	630.14	First valve moves second
625.24	Axial and radial flow	030.14	valve
625.25	Reciprocating valve	620 15	Actuator moves both valves
625.26	Combined disk or plug and	630.15 630.16	
	gate or piston	630.16	With subsequent closing of
625.27	Plural disk or plug	620 15	first opened port
625.67	Piston valve	630.17	Simultaneously moved port
625.68	With internal flow passage		controllers
625.69	With annular passage (e.g.,	630.18	Screw-actuated differential
	spool)		valves
625.28	Dividing into parallel flow	630.19	Lost motion
	paths with recombining	630.2	Cam determines sequence
625.29	Valve with bypass connections	630.21	Rotary concentric valves
625.3	With metering feature	630.22	First valve actuates second
625.31	Rotary		valve
625.32	Plug	635	.With preselecting means for
625.33	Reciprocating		plural valve actuator
625.34	Spool	636	.With selective motion for plural
625.35	With internal passage		valve actuator
625.36	Unequal heads	636.1	Oppositely movable cam surfaces
625.37	Piston	636.2	Rotation about either of two
625.38	With internal flow passage		pivotal axes
625.39	Sequential opening or	636.3	Rotation of actuator arm about
023.37	closing of serial ports in		its pivot and its axis
	single flow line	636.4	Reciprocation along and
625.4	Multiple inlet with single		rotation about same axis
023.4	outlet	637	.Valves with separate,
625.41			correlated, actuators
625.41	Rotary valve	637.05	Correlated across separable
025.42	Selective opening of plural		flow path joint
605 43	ports	637.1	Interlocked
625.43	Four port reversing valves	637.2	Coaxial stems
625.44	Pivoted valve unit	637.3	Rotary
625.45	Gate	637.3	And reciprocating
625.46	Rotary valve unit	637.5	
625.47	Plug	03/.3	Concentric, central valve removable
625.48	Reciprocating valve unit	594	
625.49	Combined disk or plug and gate	33 4	.Plural noncommunicating flow
	or piston	EOF	paths
		595	With common valve operator

596 596.12	.Supply and exhaustWith bypass	601.03	Single resilient member actuates or forms plural
596.13	Controlled by supply or exhaust valve	601.04	passagesValves deform to close passage
596.14	Pilot-actuated	601.04	Rotary valve
596.15	Common to plural valve motor	601.05	Including rigid plate with
390.13	chambers	001.00	flexible or resilient seal
596.16	Electric	601.07	Axes of rotation of valves
596.17	Motor		intersect at point
596.18	Fluid motor	601.08	Axes of rotation parallel
596.1	Biased exhaust valve	601.09	Adjacent plate valves always
596.2	Biased closed		parallel
597	.Multiple inlet with multiple	601.11	Adjacent plate valves
	outlet		counter rotate
598	.Hydraulic brake line (e.g., hill	601.12	Mechanical movement between
	holders)		actuator and non-rotary valve
599.01	.Dividing into parallel flow	601.13	Fluid actuated or retarded
	paths with recombining	601.14	Electrical actuator
599.02	With fluid coupling (e.g.,	601.15	Mechanical movement between
	railway car hose coupling,		actuator and valve
	truck-trailer oil system	601.16	Rotary valve
F00 03	coupling, etc.)	601.17	Butterfly valve
599.03	System having plural inlets	601.18	Having guide or restrictor
599.04 599.05	Having digital flow controller	601.19 601.2	Manually variable
599.05	Having digital flow controllerHaving plural branches under	601.2	Having direct response valve
399.00	common control for separate	601.21	(e.g., check valve, etc.)With reverse flow direction
	valve actuators	602	With reverse flow direction .Multiple inlet with single
599.07	Electromagnetic or electric	002	outlet
	control (e.g., digital	603	Faucet attachment
	control, bistable electro	888	Combining by aspiration
	control, etc.)	889	Combining of three or more
599.08	With multi way valve having		diverse fluids
	serial valve in at least one	890	Plural motivating fluid jets
	branch	891	Flow control by varying
599.09	Fluid pressure regulator in at		position of a fluid inlet
F00 11	least one branch		relative to entrainment
599.11	Flow passage with bypass		chamber
	Including mixing feature	892	With selectively operated flow
599.13 599.14	Including flowmeter	003	control means in inlet
399.14	Including cleaning, treating, or heat transfer feature	893	Flow control means is located
599.15	Water treatment feature	894	in aspirated fluid inletSingle actuator operates
599.16	Second valve assembly carried	094	flow control means located in
	by first valve head		both motivating fluid and
599.17	With rotary plug having		aspirated fluid inlets
	variable restrictor	895	With condition responsive
599.18	Carried valve is direct		valve
	response valve (e.g., check	896	With means to promote mixing or
	valve, etc.)		combining of plural fluids
600	With foam controlling means	897	With selectively operated flow
CO	(e.g., beer, soda faucets)		control means
601.01	With common operator	898	Single actuator operates
601.02	Balanced valve	605	plural flow control means
		605	With flow control

606	Valve in each inlet	614.12	Delivery cock with terminal
607	With common valve operator		valve
861	.With flow control means for	614.13	Alternately seating
	branched passages	614.14	Biased valve
862	With common valve operator	614.15	Opposed screw
863	For valve having a flexible	614.16	One valve head provides seat
003	diaphragm valving member	011.10	for other head
864	For valve having a ball head	614.17	Also carries head of other
865		014.17	valve
	With gearing	614.18	
866	Threaded actuator	014.10	One valve head carries other
867	Pivoted or rotary motion	C14 10	valve head
	converted to reciprocating	614.19	Biased valve with external
	valve head motion		operator
868	Spring biased	614.2	Direct response normally closed
869	Having fluid actuator		valve limits direction of flow
870	With electrical actuation	614.21	Coaxial oppositely directed
871	Spring biased		seats
872	With valve or movable deflector	615	.Articulated or swinging flow
	at junction		conduit
873	Movable deflector spout in	616	Actuates valve
	lateral port	616.3	Plural motions of valve
874	Valve or deflector is tubular	616.5	Reciprocating valve
	passageway	616.7	Rotary valve
875	Pivoted valve or deflector	797	FRANGIBLE
876	Rotary valve or deflector	798	WITH COUPLING
877	Biased valved	799	.Flexible
878	Spring bias	800	WITH CLOSURE
	Spring bias	000	
	For walne harring a hall hand	0 0 1	
879	For valve having a ball head	801	FAUCETS AND SPOUTS
879 880	With threaded actuator	801 802	
879 880 881	With threaded actuatorSpring coaxial with valve		FAUCETS AND SPOUTS
879 880 881 882	With threaded actuatorSpring coaxial with valveBiased open		FAUCETS AND SPOUTS
879 880 881	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple	802	FAUCETS AND SPOUTS MISCELLANEOUS
879 880 881 882 883	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outlets	802	FAUCETS AND SPOUTS
879 880 881 882 883	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple	802	FAUCETS AND SPOUTS MISCELLANEOUS
879 880 881 882 883	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outlets	802	FAUCETS AND SPOUTS MISCELLANEOUS
879 880 881 882 883	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outletsSectional block structure	802 CROSS-F	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS
879 880 881 882 883 884	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outletsSectional block structureWith fluid actuator	802 CROSS-F	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC
879 880 881 882 883 884 885 886	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outletsSectional block structureWith fluid actuatorWith threaded actuator	802 <u>CROSS-F</u> 900	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS
879 880 881 882 883 884 885 886 887	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outletsSectional block structureWith fluid actuatorWith threaded actuatorContaining rotary valve	802 <u>CROSS-F</u> 900 901	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS
879 880 881 882 883 884 885 886 887	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outletsSectional block structureWith fluid actuatorWith threaded actuatorContaining rotary valve .Flow path with serial valves	802 CROSS-F 900 901 902	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS
879 880 881 882 883 884 885 886 887 613	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outletsSectional block structureWith fluid actuatorWith threaded actuatorContaining rotary valve .Flow path with serial valves and/or closures	802 CROSS-F 900 901 902 903 904	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES
879 880 881 882 883 884 885 886 887 613	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outlets .Sectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in each	802 CROSS-F 900 901 902 903	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS
879 880 881 882 883 884 885 886 887 613	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outletsSectional block structureWith fluid actuatorWith threaded actuatorContaining rotary valve .Flow path with serial valves and/or closuresSeparable flow path section,	CROSS-F 900 901 902 903 904 905	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS
879 880 881 882 883 884 885 886 887 613	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outlets .Sectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by	202 200 200 201 202 203 204 205 206	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS"
879 880 881 882 883 884 885 886 887 613 614	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outletsSectional block structureWith fluid actuatorWith threaded actuatorContaining rotary valve .Flow path with serial valves and/or closuresSeparable flow path section, valve or closure in eachCommon joint and valve seat	802 CROSS-F 900 901 902 903 904 905 906 907	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES
879 880 881 882 883 884 885 886 887 613	With threaded actuatorSpring coaxial with valveBiased openSingle inlet with multiple distinctly valved outletsSectional block structureWith fluid actuatorWith threaded actuatorContaining rotary valve .Flow path with serial valves and/or closuresSeparable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by closing membersEach valve and/or closure	802 CROSS-F 900 901 902 903 904 905 906 907 908	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES RESPIRATOR CONTROL
879 880 881 882 883 884 885 886 887 613 614	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outlets .Sectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by closing membersEach valve and/or closure operated by coupling motion	802 CROSS-F 900 901 902 903 904 905 906 907 908 909	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES RESPIRATOR CONTROL MAGNETIC FLUID VALVE
879 880 881 882 883 884 885 886 887 613 614.01	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outlets .Sectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by closing membersEach valve and/or closure operated by coupling motionLinear motion of flow path	802 CROSS-F 900 901 902 903 904 905 906 907 908	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES RESPIRATOR CONTROL MAGNETIC FLUID VALVE DESTRUCTIBLE OR DEFORMABLE
879 880 881 882 883 884 885 886 887 613 614 614.01	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outlets .Sectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by closing membersEach valve and/or closure operated by coupling motionLinear motion of flow path sections operates both	802 CROSS-F 900 901 902 903 904 905 906 907 908 909	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES RESPIRATOR CONTROL MAGNETIC FLUID VALVE DESTRUCTIBLE OR DEFORMABLE ELEMENT CONSTRUCTED OF
879 880 881 882 883 884 885 886 887 613 614 614.01 614.02 614.03	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outlets .Sectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by closing membersEach valve and/or closure operated by coupling motionLinear motion of flow path sections operates bothValves actuate each other	802 CROSS-F 900 901 902 903 904 905 906 907 908 909	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES RESPIRATOR CONTROL MAGNETIC FLUID VALVE DESTRUCTIBLE OR DEFORMABLE
879 880 881 882 883 884 885 886 887 613 614 614.01	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outletsSectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by closing membersEach valve and/or closure operated by coupling motionLinear motion of flow path sections operates bothValves actuate each otherValve- or closure-operated by	802 CROSS-F 900 901 902 903 904 905 906 907 908 909	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES RESPIRATOR CONTROL MAGNETIC FLUID VALVE DESTRUCTIBLE OR DEFORMABLE ELEMENT CONSTRUCTED OF
879 880 881 882 883 884 885 886 887 613 614.01 614.02 614.03 614.04 614.05	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outletsSectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by closing membersEach valve and/or closure operated by coupling motionLinear motion of flow path sections operates bothValves actuate each otherValve- or closure-operated by coupling motion	802 CROSS-F 900 901 902 903 904 905 906 907 908 909	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES RESPIRATOR CONTROL MAGNETIC FLUID VALVE DESTRUCTIBLE OR DEFORMABLE ELEMENT CONSTRUCTED OF
879 880 881 882 883 884 885 886 887 613 614 614.01 614.02 614.03	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outlets .Sectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by closing membersEach valve and/or closure operated by coupling motionLinear motion of flow path sections operates bothValves actuate each otherValve- or closure-operated by coupling motionCoupling interlocked with	802 CROSS-F 900 901 902 903 904 905 906 907 908 909 910	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES RESPIRATOR CONTROL MAGNETIC FLUID VALVE DESTRUCTIBLE OR DEFORMABLE ELEMENT CONSTRUCTED OF SPECIFIC MATERIAL
879 880 881 882 883 884 885 886 887 613 614.01 614.02 614.03 614.04 614.05	With threaded actuatorSpring coaxial with valveBiased open .Single inlet with multiple distinctly valved outletsSectional block structure .With fluid actuator .With threaded actuator .Containing rotary valve .Flow path with serial valves and/or closures .Separable flow path section, valve or closure in eachCommon joint and valve seat faces, or sections joined by closing membersEach valve and/or closure operated by coupling motionLinear motion of flow path sections operates bothValves actuate each otherValve- or closure-operated by coupling motion	802 CROSS-F 900 901 902 903 904 905 906 907 908 909 910	FAUCETS AND SPOUTS MISCELLANEOUS REFERENCE ART COLLECTIONS BUMPLESS MANUAL TO AUTOMATIC RELAYS BIASED BALL VALVES WITH OPERATORS SLUSH PUMP CHECK VALVES RUBBER VALVE SPRINGS CUSHION CHECK VALVES ROTARY VALVES FOR MULTIPLE GAS BURNERS VALVES BIASED BY FLUID "SPRINGS" VACUUM-ACTUATED VALVES RESPIRATOR CONTROL MAGNETIC FLUID VALVE DESTRUCTIBLE OR DEFORMABLE ELEMENT CONSTRUCTED OF